

204 902
y y

910 124 100
y y
WWW."service_provider".com/IPCentrex/registration - 908
y y

FIG. 2

806
808
2/6

858
854
816
824
830
832
812
810

ENTER TELEPHONE NUMBER
ENTER PASSWORD

SEND CANCEL

"SERVICE PROVIDER" IP CENTREX REGISTRATION

Welcome to (Service Provider's) IP Centrex Softphone Registration

918

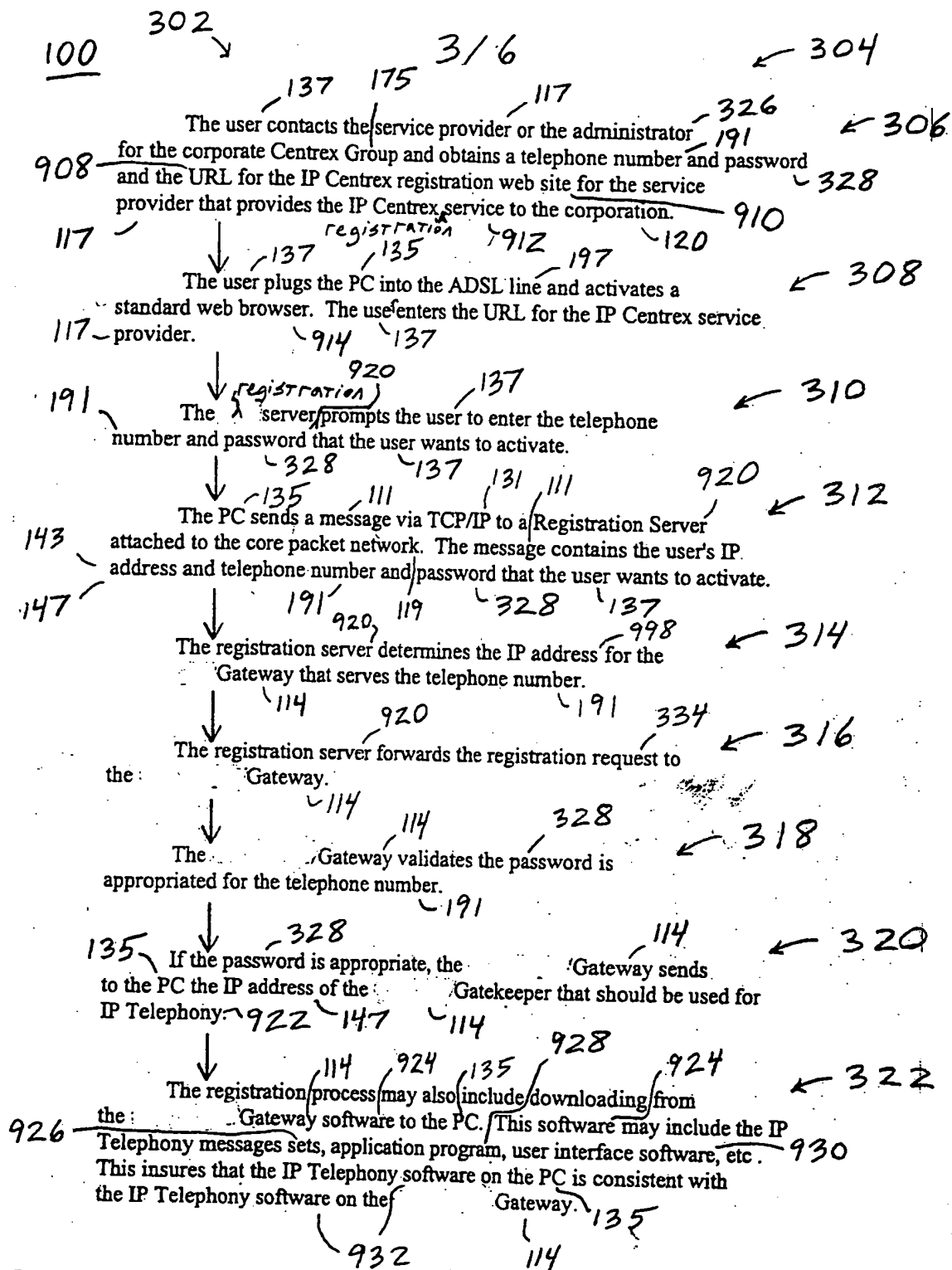
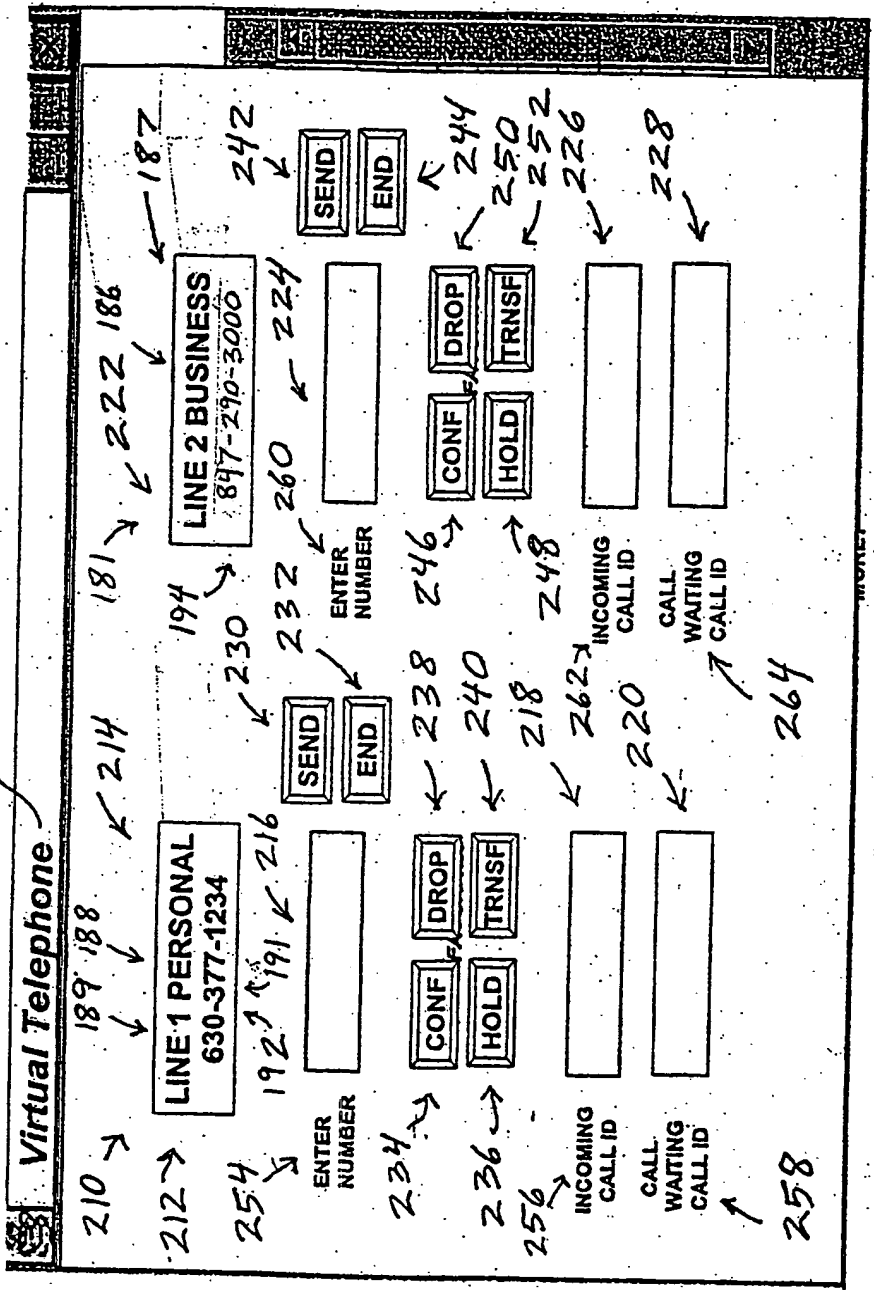


FIG. 3

100 103 124 904 132 208 202 204 206 FIG. 4
104 →
329 →
133



100 402
↓

FIG. 5

404
↓406
↓

137
The user activates the Multi Call Appearance Virtual Telephone application software program on the PC.

420 137 329 135 195 216 188 408
The user enters the called number into the "Enter Number" field for personal line or the "Enter Number" field for the business line.

137 224 192 186 147 410
The user clicks on the "SEND" button for the corresponding call appearance.

420 102 147 412
The PC application program looks up in memory the IP address for the VoIP Gateway of the corresponding call appearance.

114 135 184 182 422 428 414
424 The PC formats a H.323 call request message that contains "Enter Number" information and has a destination address of the corresponding VoIP Gateway. The source address of the message is the IP address of the PC.

428 422 426 147 135 118 416
The PC sends the H.323 message to the VoIP Gateway over the IP Network.

135 114 422 418
The VoIP Gateway receives the H.323 message and initiates a standard H.323 call setup sequence with the PC.

430 432

422
The call request message also contains the phone number of call appearance ~182 that initiated the call request. ~184

FIG. 6

